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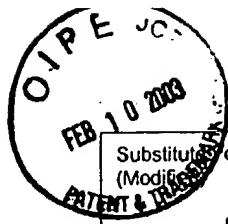
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Sheet 1 of 1

Substitute Form PTO-1449
(Modif.)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10449-030001

Application No.
09/748,509

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Koji Hayashi et al.

Filing Date
December 26, 2000

Group Art Unit
2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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KL	AL	1998-028125	15.07.98	Korea				
KL	AM	1999-024893	06.04.99	Korea				
KL	AN	63-52393	05.03.88	Japan				
KL	AO	H11-66745	09.03.99	Japan				
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

Kim Chin

Date Considered

7/22/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant MAR 15 2004 (Use several sheets if necessary) (37 CFR §1.98)		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2651 2653

O I P E

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>LC</i>	AA	5,317,553	05/31/94	Ohga et al.	/	/	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
<i>LC</i>	AB	4-103079	04/06/92	Japan (corresponds to U.S. 5,317,553, enclosed)	/	/	

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
<i>LC</i>	AC	Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk					
<i>LC</i>	AD	Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device					
<i>LC</i>	AE	Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk					
<i>LC</i>	AF	Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device					
<i>LC</i>	AG	Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver					

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small>		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KK	AA	5,220,545	06/15/1993	Tomimitsu	/	/	
KK	AB	5,289,440	02/22/1994	Bakx	/	/	
KK	AC	5,436,875	07/25/1995	Shinada	/	/	
KK	AD	5,491,677	02/13/1996	Sasaki	/	/	
KK	AE	5,532,991	07/02/1996	Sasaki	/	/	
KK	AF	5,745,445	04/28/1998	Yasukohchi et al.	/	/	RECEIVED
KK	AG	5,815,472	09/29/1998	Kuroda et al	/	/	MAR 25 2002
KK	AH	5,818,801	10/06/1998	Watanabe et al.	/	/	Technology Center 2000
KK	AI	5,953,291	09/14/1999	Yasukohchi et al.	/	/	
KK	AJ	6,055,216	04/25/2000	Shintani	/	/	
KK	AK	6,115,337	09/05/2000	Takagi et al.	/	/	

Foreign Patent Documents or Published Foreign Patent Applications							
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
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Examiner Signature <i>Kim Chan</i>	Date Considered <i>7/22/04</i>
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Sheet 1 of 1

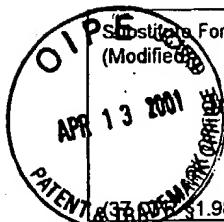
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LC	AA	5,305,298	04/19/1994	Tsuneshi Yokota	/	/	
LC	AB	5,910,935	06/08/1999	Hirihito Takagi et al.	/	/	
LC	AC	6,208,599	03/27/2001	Misao Fukuda	/	/	RECEIVED
KC	AD	6,438,083	08/20/2002	Jacobus P.C. Kroon	/	/	APR 03 2003
LC	AE	6,487,616	11/26/2002	Koji Hayashi	/	/	Technology Center 2600
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Foreign Patent Documents or Published Foreign Patent Applications							
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LC	AL	11-259982	24.09.1999	Japan	/	/	
LC	AM	0 974 966	26.01.2000	EPO	/	/	
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Other Documents (include Author, Title, Date, and Place of Publication)							
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	AQ						
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Substitute Form PTO-1449

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U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10449-030001Application No.
09/748,509Applicant
Koji Hayashi et al.Filing Date
December 26, 2000Group Art Unit
2653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,212,678	05/18/93	Roth et al.			
	AB	5,463,607	10/31/95	Roth et al.			
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	AD						<i>APR 17 2001</i>
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Foreign Patent Documents or Published Foreign Patent Applications							
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	AN	3-228266	10/09/91	Japan			X
	AO	2-226066	09/05/90	Japan			X
	AP	2000-40302	02/08/00	Japan			X
	AQ	10-49990	02/20/98	Japan			X
	AR	10-63493	03/06/98	Japan			X

Other Documents (include Author, Title, Date, and Place of Publication)		
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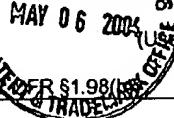
Examiner Signature <i>Kim Ann</i>	Date Considered <i>7/2/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10449-030001Application No.
09/748,509

Information Disclosure Statement

by Applicant

(use several sheets if necessary)



Applicant

Koji Hayashi et al.

Filing Date

December 26, 2000

Group Art Unit

2651 2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Ke	AA	5,010,534	04/23/91	Enari et al.	/	/	
Ke	AB	5,477,516	12/19/95	Takezawa		/	
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Foreign Patent Documents or Published Foreign Patent Applications

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	AO							
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Other Documents (include Author, Title, Date, and Place of Publication)

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Kim Chen

Date Considered

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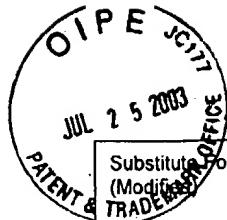
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small> <small>(37 CFR §1.98(b))</small>			
 <small>JUL 22 2002</small>		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Km	AA	4,507,767	03/26/85	Takasugi	/	/	
LC	AB	4,546,462	10/08/85	Koishi et al.	/	/	RECEIVED
LC	AC	4,800,548	01/24/89	Koishi et al.	/	/	JUL 29 2002
LC	AD	4,831,611	05/16/89	Sasaki et al.	/	/	
LC	AE	4,858,219	08/15/89	Yoshikawa	/	/	Technology Center 2600
LC	AF	5,161,144	11/03/92	Takeuchi et al.	/	/	
LC	AG	5,170,389	12/08/92	Numata et al.	/	/	
LC	AH	5,521,893	05/28/96	Yamasaki et al.	/	/	
LC	AI	5,682,366	10/28/97	Yamanaka et al.	/	/	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
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Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
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Examiner Signature <i>Kim Chen</i>	Date Considered <i>7/22/04</i>
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Sheet 1 of 1

Substitute Form PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10449-030001

Application No.
09/748,509

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Koji Hayashi et al.

Filing Date
December 26, 2000

Group Art Unit
2651 2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
K	AA	6,084,731	Jul. 4, 2000	Uchida et al.			
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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Other Documents (include Author, Title, Date, and Place of Publication)

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Kim Chu

Date Considered

7/22/04

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Koji Hayashi et al.		PCT 01 2001 Group Art Unit 2603
		Filing Date December 26, 2000		

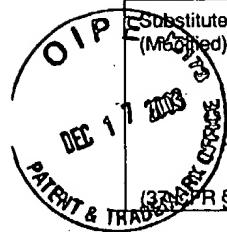
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
le	AA	5,212,678	05/18/93	Roth et al.	/	/	
le	AB	5,463,607	10/31/95	Roth et al.	/	/	
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Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
le	AM	3-228266	10/09/91	Japan	/	/	X
le	AN	2-223066	09/05/90	Japan	/	/	X
le	AO	2000-40302	02/08/00	Japan	/	/	X
le	AP	10-49990	02/20/98	Japan	/	/	X
le	AQ	10-63433	03/06/98	Japan	/	/	X

Other Documents (include Author, Title, Date, and Place of Publication)							
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Examiner Signature <i>Kim Cun</i>	Date Considered 7/22/04
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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2651 2853

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>cc</i>	AA	6,584,053	06/24/03	Tsukihashi			
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	AC						DEC 18 2003
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	AE						Technology Center 2600
	AF						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
<i>cc</i>	AG	408147879A	06/07/96	Japan			

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
<i>cc</i>	AH	Japan registered publication no. 2842262, equivalent to above noted document AG					
	AI						
	AJ						
	AK						

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